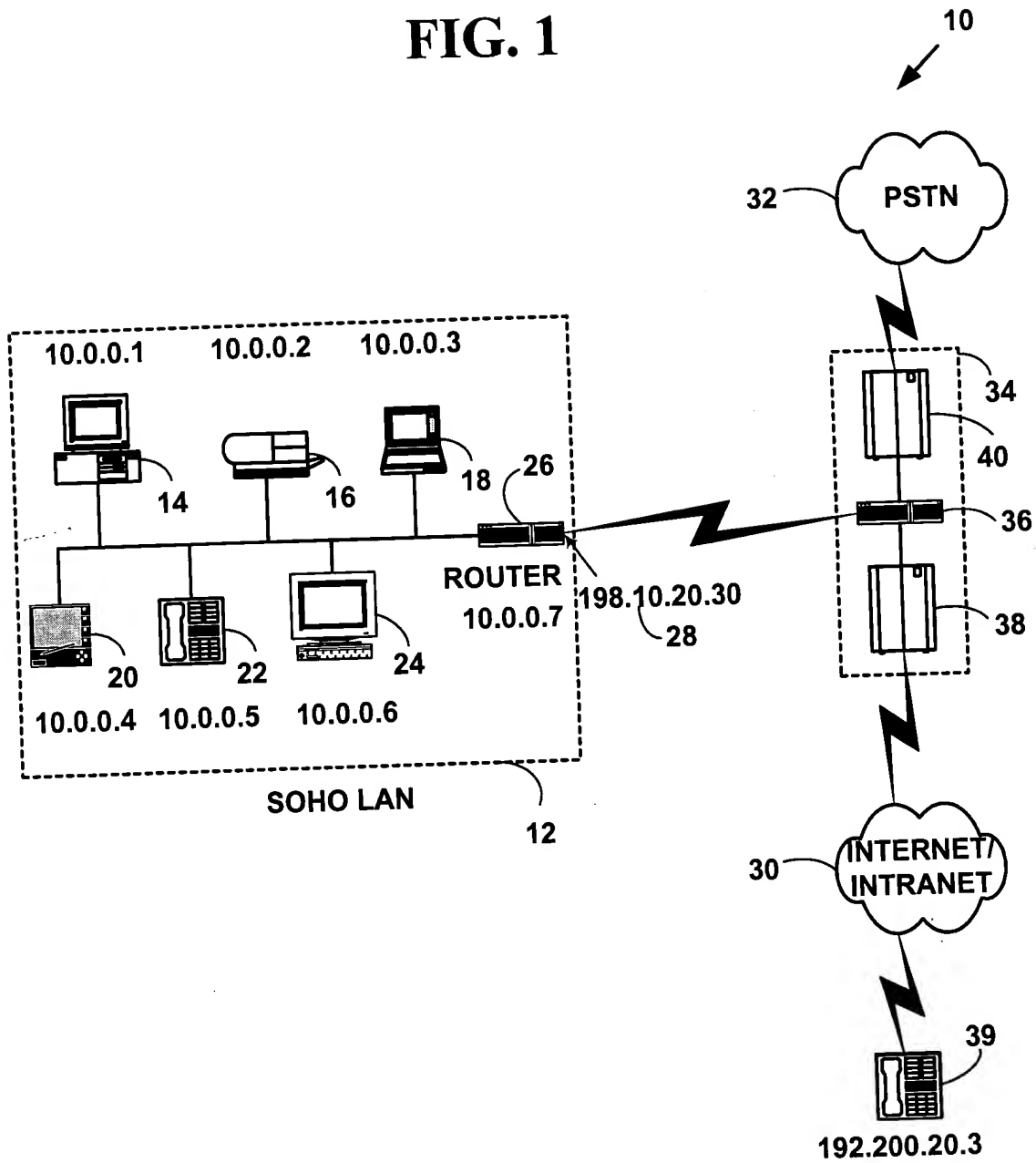
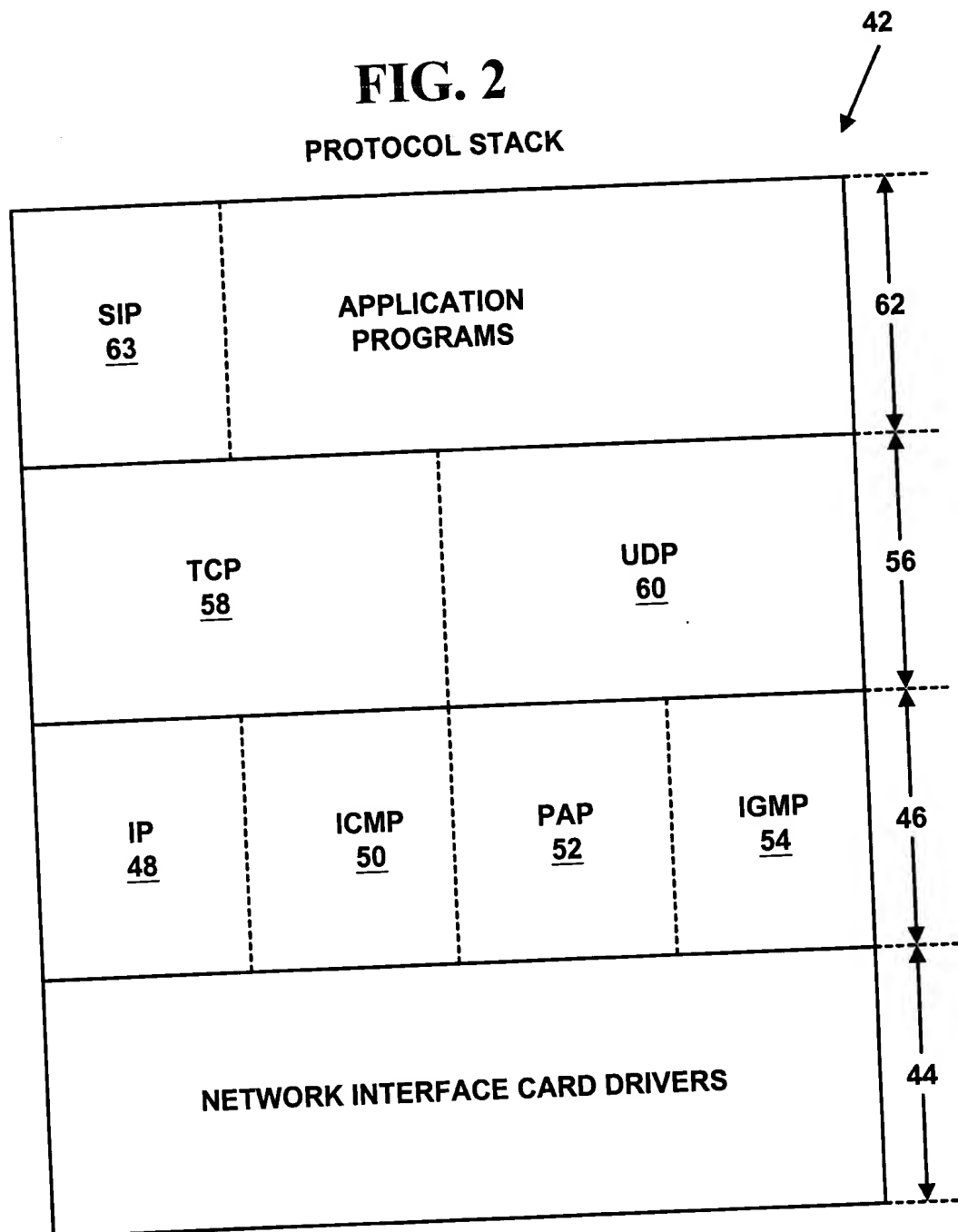


FIG. 1



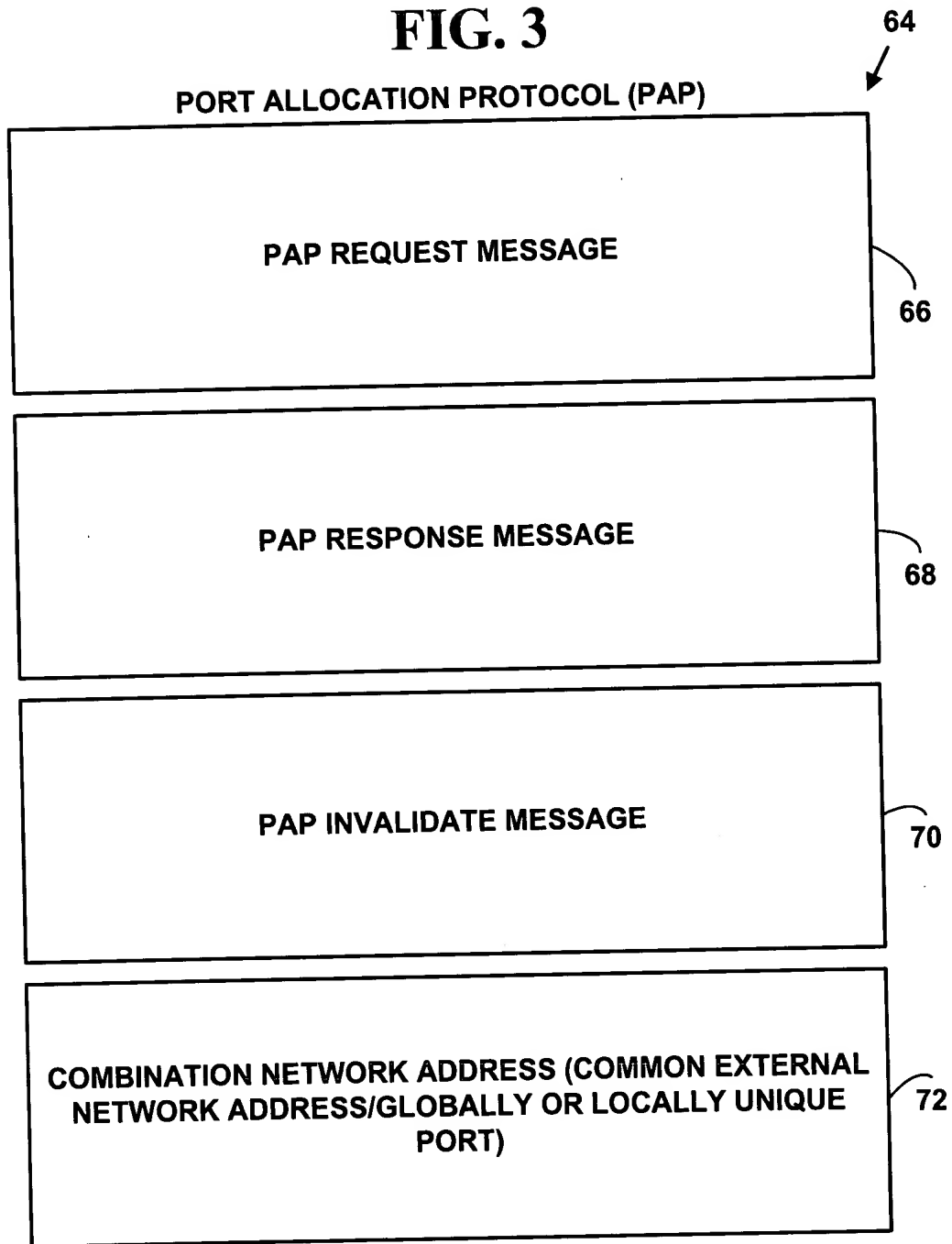
14

**FIG. 2**  
**PROTOCOL STACK**

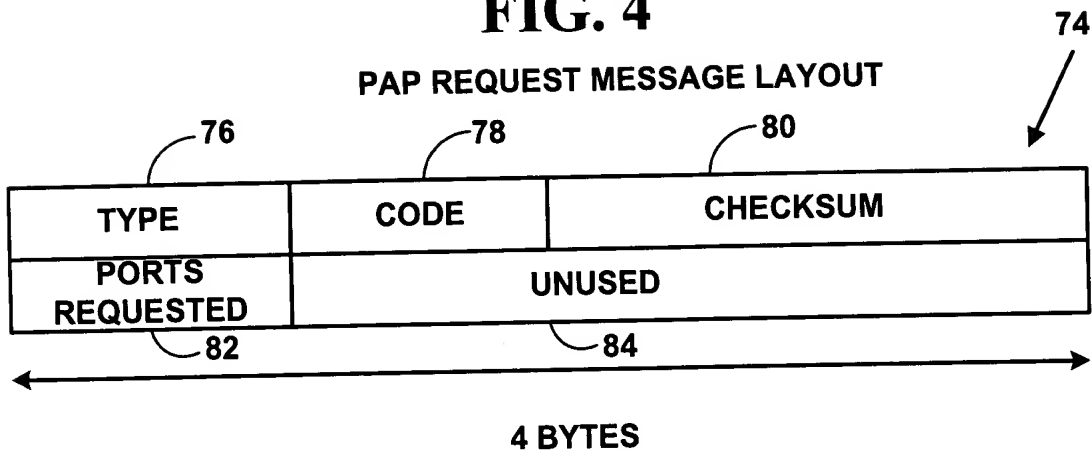


**FIG. 3**

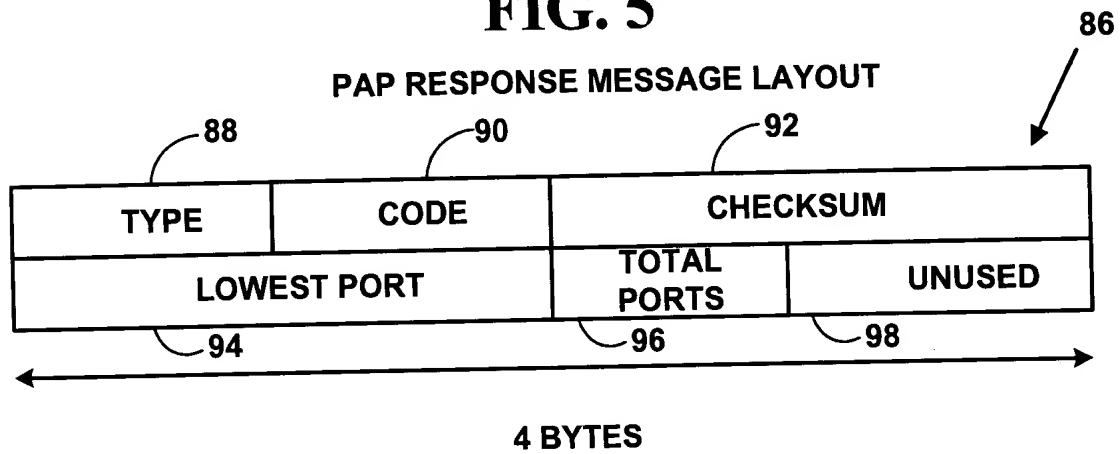
**PORT ALLOCATION PROTOCOL (PAP)**



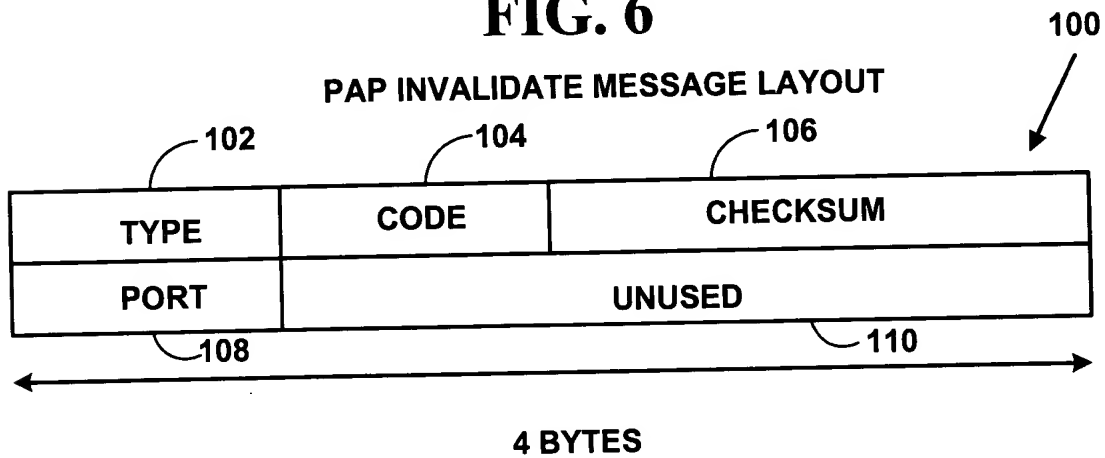
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

112

114

116

EXTERNAL NETWORK ADDRESS (e.g., EXTERNAL IP ADDRESS)	GLOBALLY OR LOCALLY UNIQUE PORT
198.10.20.30	1032

COMBINATION NETWORK ADDRESS

**FIG. 8**

118

120

122

124

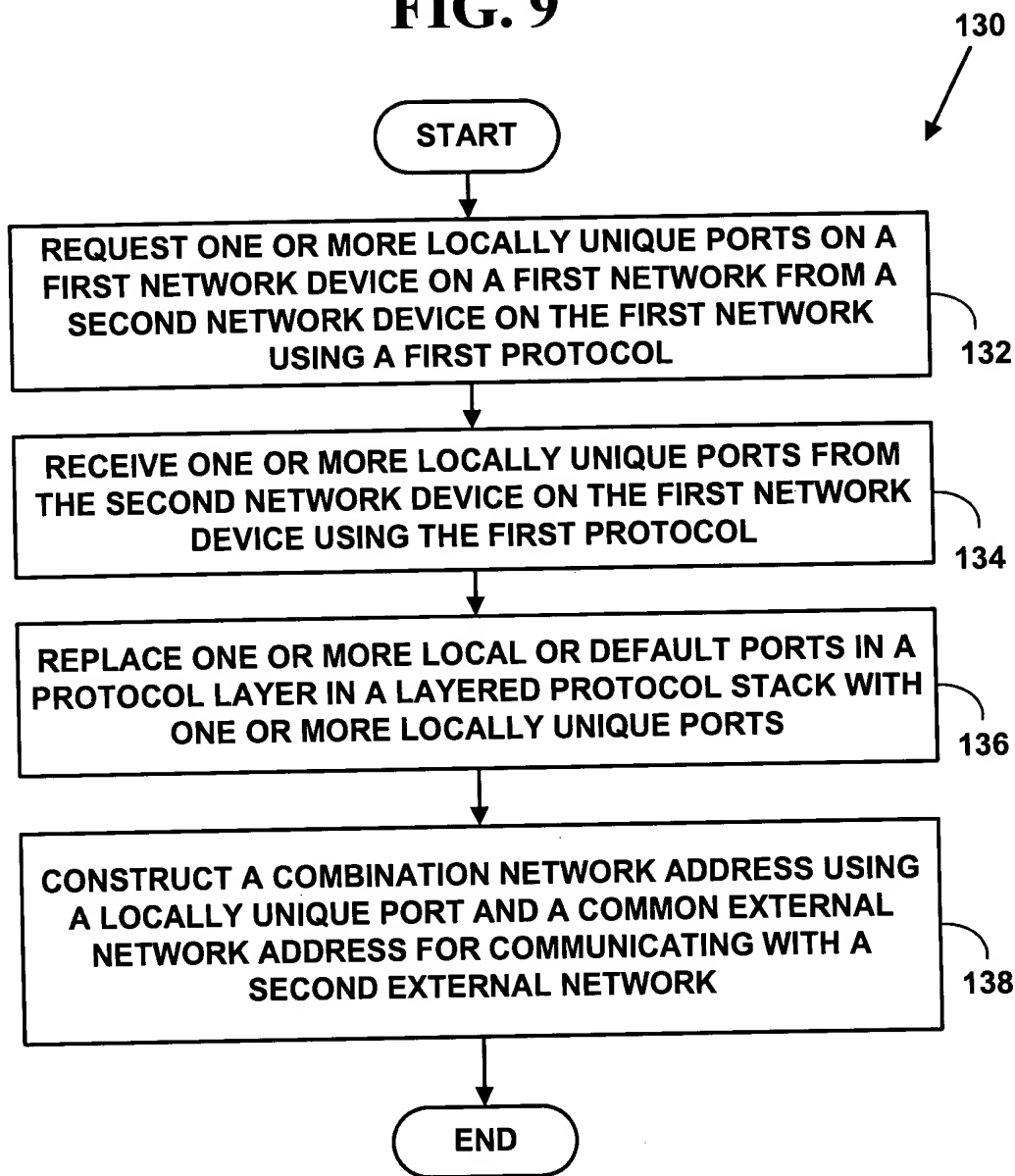
INTERNAL NETWORK ADDRESS	LOWEST PORT	NUMBER OF PORTS
10.0.0.5	1026	32
10.0.0.3	1057	16

126

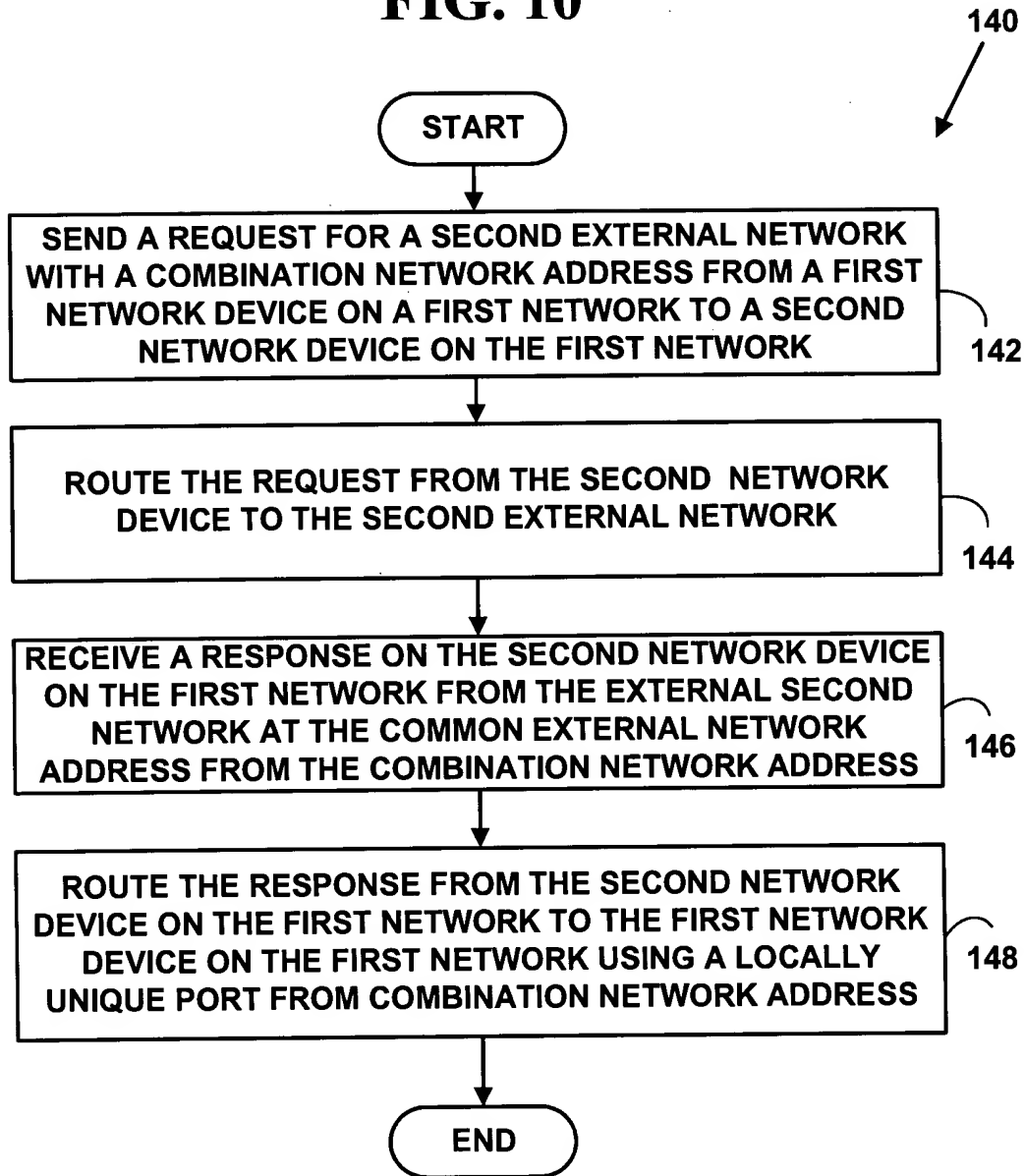
128

PORT-TO-INTERNAL-NETWORK  
ADDRESS TABLE

**FIG. 9**



**FIG. 10**



**FIG. 11**  
SOURCE PORT TRANSLATION TABLE  
(SPTT)

150

152 LOCAL PORT		154 GLOBAL PORT	
156 PROTOCOL		158 TIMESTAMP	

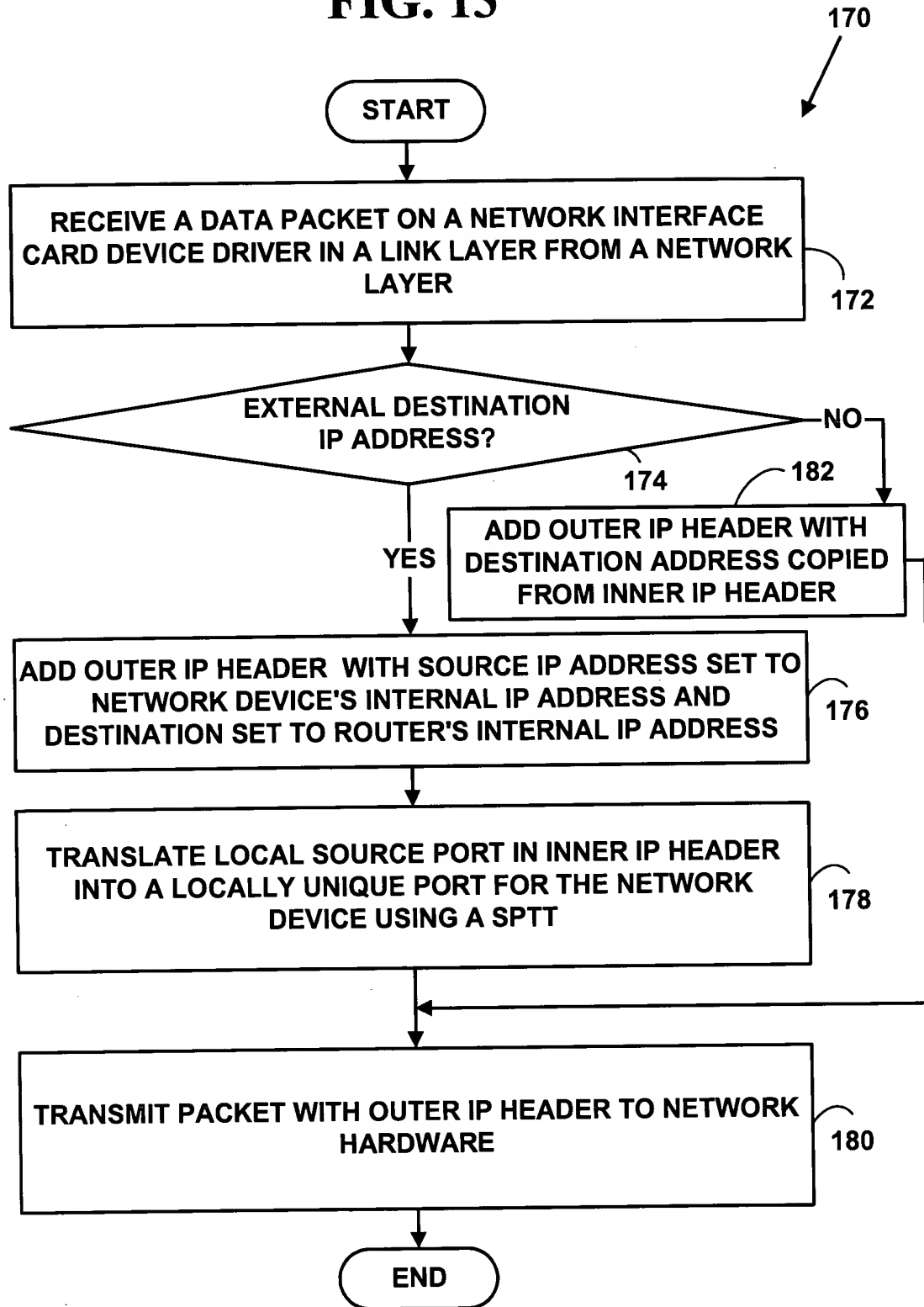
**FIG. 12**  
IP ADDRESS TRANSLATION TABLE  
(IPATT)

160

162 DESTINATION PORT		164 INTERNAL DESTINATION IP ADDRESS	
166 PROTOCOL		168 TIMESTAMP	



**FIG. 13**



**FIG. 14**

